

Docket No.: 33148.00585.US01  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Mikhail Laksin et al.

Customer No.: 13772

Application No.: 10/586,098

Confirmation No.: 1736

Filed: January 14, 2005

Art Unit: 2853

For: HYBRID ENERGY CURABLE SOLVENT  
BASED LIQUID PRINTING INKS

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Examiner: M.S. Shah

**REQUEST FOR CORRECTED FILING RECEIPT**

Filing Receipt Corrections  
Office of Initial Patent Examination  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby request that a corrected Filing Receipt be issued in the above-identified patent application. The official Filing Receipt received by Applicants omits the US Provisional Application to which the PCT application claims priority under the section **Domestic Priority Data**.

Please edit the **Domestic Priority Data** as follows -- This application is a 371 of PCT/US05/01245 01/14/2005 which claims priority to 60/536,361, filed January 14, 2004--.

A copy of the Official Filing Receipt identifying the provisional application data is enclosed herewith. Also enclosed is a copy of the International Application cover sheet indicating the priority to the US provisional application. Applicant additionally requests that all pertinent U.S. Patent and Trademark Office records relating to the subject application be changed to reflect this correction.

Dated: July 1, 2011

Respectfully submitted,

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# UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
10/586,098	03/20/2007	2853	1030	S9025.0219	20	1

**CONFIRMATION NO. 1736**

32172

DICKSTEIN SHAPIRO LLP  
1177 AVENUE OF THE AMERICAS (6TH AVENUE)  
NEW YORK, NY 10036-2714

## FILING RECEIPT

Date Mailed: 08/10/2007

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

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**Power of Attorney:** The patent practitioners associated with Customer Number 32172

### Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US05/01245 01/14/2005

**Foreign Applications** which claims priority to 60/536,361, filed January 14, 2004

**If Required, Foreign Filing License Granted:** 08/09/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is  
**US10/586,098**

**Projected Publication Date:** 11/15/2007

**Non-Publication Request:** No

**Early Publication Request:** No

### Title

Hybrid Energy Curable Solvent-Based Liquid Printing Inks

### Preliminary Class

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: HYBRID ENERGY CURABLE SOLVENT-BASED LIQUID PRINTING INKS

(57) Abstract: The present invention provides a liquid printing ink that produces high quality flexographic or gravure printing images that have excellent solvent and abrasion resistance. In addition, the printing ink of the invention has high re-solubility, even after complete drying, upon contact with the liquid vehicle of the same ink, thereby preventing clogging of the printing plate, anilox or gravure cylinders over time. These characteristics of the printing ink are obtained by preparing a hybrid ink in which conventional organic solvent and/or water-based liquid inks are mixed with energy curable monomers and/or oligomers of resins and, optionally, a photoinitiator. After drying the ink, the printed images are exposed to an actinic radiation so that highly cross-linked polymers are formed in the printed images, which become water, chemical and abrasion-resistant.



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